APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

The resistance to Flow in the Human Respiratory Passages and the Influence of the Irregular Ramification of the Bronchial System on the Course of Respiration in Different Pulmonary Regions, by F. Rohrer, 22 pp.

GERMAN, per, Arch ges Physiol, 163, ~~185~~ 1915, pp 249-261.

NIH Tr 5-38

Sci - Med

48,048

May 57

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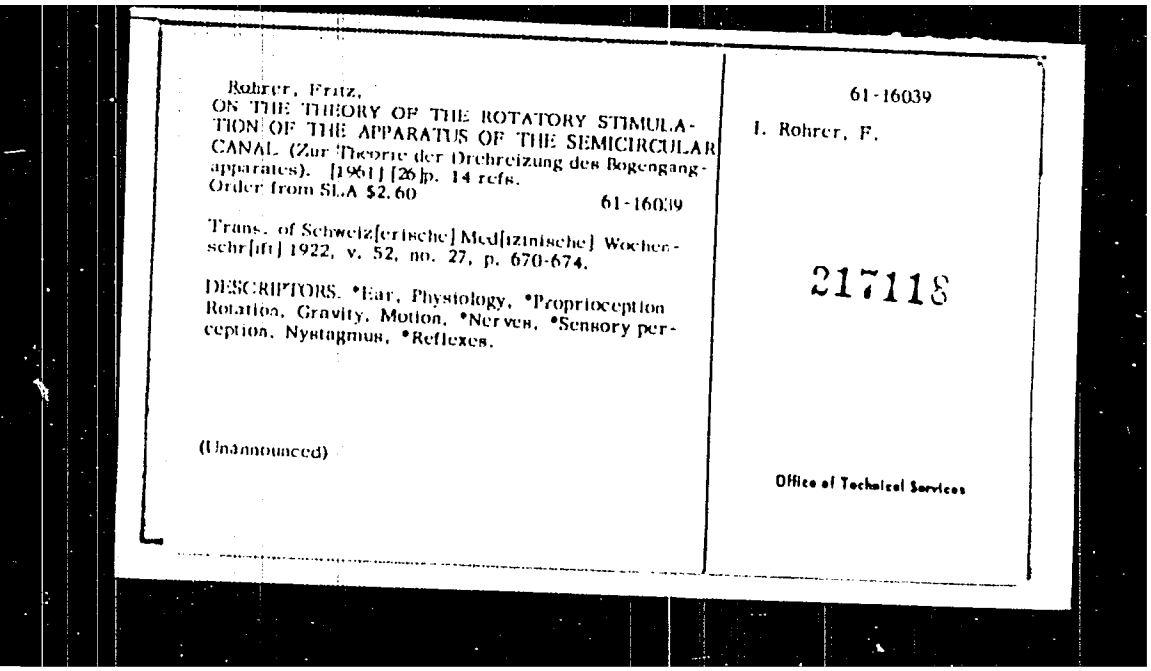
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4



Rohrer, Fritz,
ON THE THEORY OF THE ROTATORY STIMULATION OF THE APPARATUS OF THE SEMICIRCULAR CANAL (Zur Theorie der Drehreizung des Bogengangapparates). [1961] [26]p. 14 refs.
Order from SLA $2.60
61-16039

Trans. of Schweiz[erische] Med[izinische] Wochenschr[ift] 1922, v. 52, no. 27, p. 670-674.

DESCRIPTORS. *Ear, Physiology, *Proprioception Rotation, Gravity, Motion, *Nerves, *Sensory perception, Nystagmus, *Reflexes.

(Unannounced)

61-16039

I. Rohrer, F.

217118

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Clinical Experiences With Glutethimide, a Gluteric Acid Imide, as a Hypnotic, by P. Muller, F. Rohrer, 4 pp.

GERMAN, per, Schweiz Med Wochschr, Vol LXXXV, 25 Mar 1955, pp 309, 310.

SLA 2487

Gal - Medicine
Nov 57

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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GERMAN, per, Arch ges Physiol, Vol CLXII, 1915, pp 261-281.

NIH Tr No 2-20

45,419

Sci - Medicine
Apr 1957 CTS/dem

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The Resistance to Flow in the Human Respiratory Passages and the Influence of the Irregular Ramification of the Bronchial System on the Course of Respiration in Different Pulmonary Regions, by F. Rohrer, 27 pp.

GERMAN, per, Arch ges Physiol, Vol CLXII, 1915, pp 281-292, 295-299.

NIH Tr 11-26
S.L.A. Tr 1404

Sci - Medicine
Dec 56 OTS

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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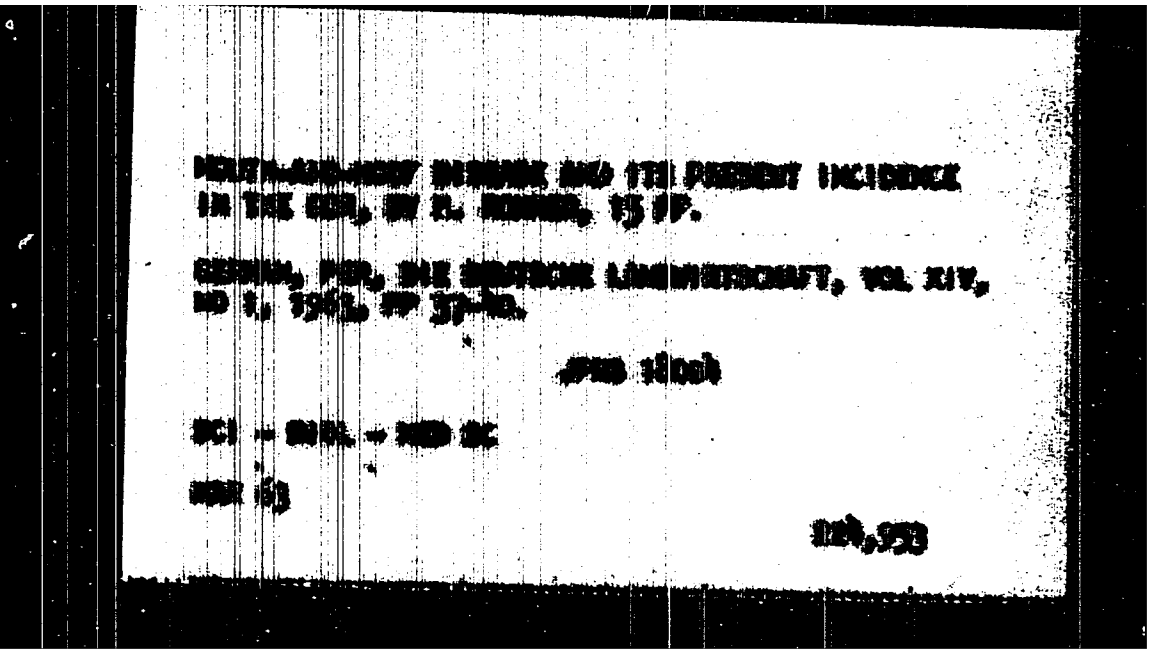

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Experiences With Production and Application of the Riems Adsorbate Vaccine for Foot and Mouth Disease, (From the Research Institute for Animal Epidemics Island of Riems Near Greifswald), by H. Rohrer, H. Mohlmann, G. Pyl, 19 pp.

Full translation.

GERMAN, bk, Eperimentelle Veterinarmedizin v, [redacted], Leipzig, 1950, pp 1-13.

USDA Tr

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

From the Work of the Research Institute for Animal Diseases, Island of Riems, by E. Rohrer, 4 pp.

Full translation.

GERMAN,

USDA Tr

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Scientific - Medicine

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Tracking Rockets with Extremely Long Range Radar, by K. Rohrich.

GERMAN, per, Z fuer Flugwissenschaften, No 9, 1958, pp 266-271. CIA 654322

AFTC FTS-9573/TD

Sci - Electron

Mar 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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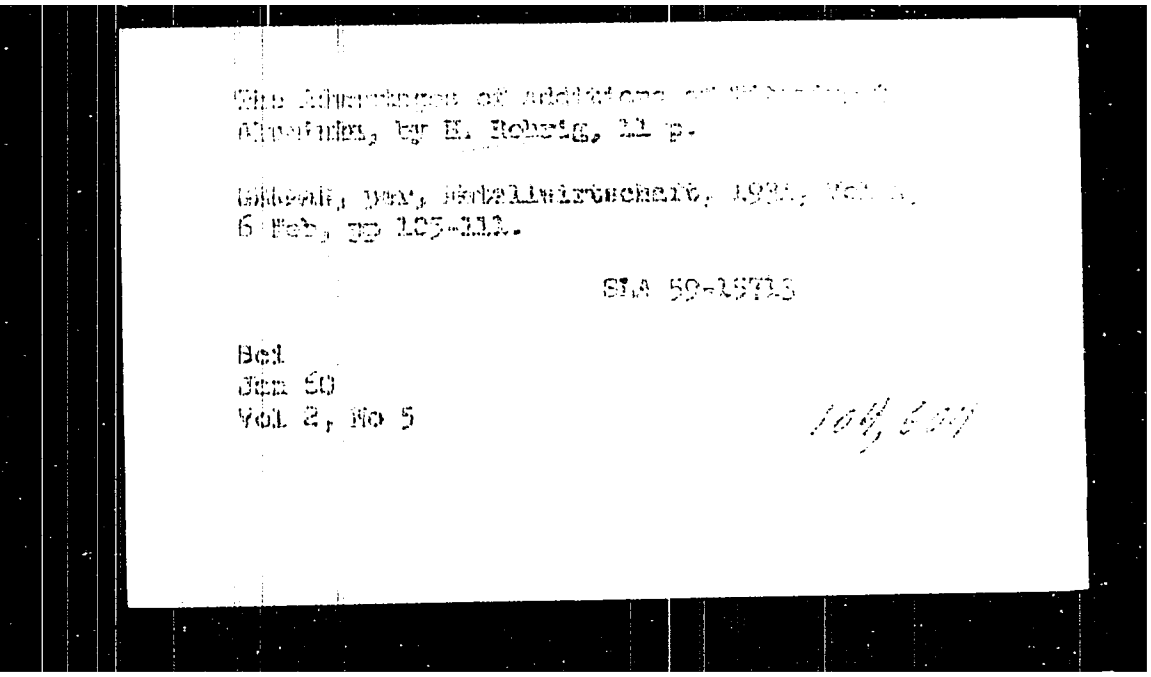

Die Schwingungen der [illegible]
Abhandlungen, by E. Rohrig, 22 p.

Gilbert, Max, Zeitschrift, 1933, Vol. 6,
6 Feb, pp 205-212.

SIA 59-29713

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Vol 2, No 5

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Hot Dip Aluminum Coatings on Iron, by H. Rohrig,
11 pp.

GERMAN, per, Z Metallkunde, Vol XXVI, 1934,
pp 87-90.

SLA 57-1108

May 58

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Structure Markings On Anodically Oxidized Sheet of Al-Mn and Al-Mg-Si Alloys, by H. Rohrig, E. Kapenick, 6 pp.

GERMAN, per, Zeits.Metallkunde, Vol XXXV, 1943, pp 117-120.

B.L.A. No 385/1956

Scientific - Minerals/metals

34, 277

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

On the Suitability of Electrolytically Polished Specimens for the Metallographic Investigation of Aluminum and Its Alloys, 10 pp, by H. Rohrig, W. Schneider,

GERMAN, per, Aluminum, Vol XXIII, No 6, Jun 1941, pp 281-284.

NACA - N-18639

AEC-Tr-2120

Scientific - Min/Metals

19,528

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Tests of the Action of Different Kinds of Ethyl Alcohol on Pure Aluminum and Lautal Plate, by H. Rohrig, 5 pp.

GERMAN, per, Korrosion U. Metallschutz, Vol VI, Jun 1928, pp 133-135.

B.L.A. Tr 57-165

Sci - Minerals/Metals
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47, 812

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

C.C.P. Casting Mould, by Hans Rohrig, 5 pp.

Full translation.

GERMAN, pam, German patent application no. V2G52.
Vereinigte Aluminium-Werke A.G., Sep 1953.

S.L.A.

[redacted]
Scientific - Minerals/metals

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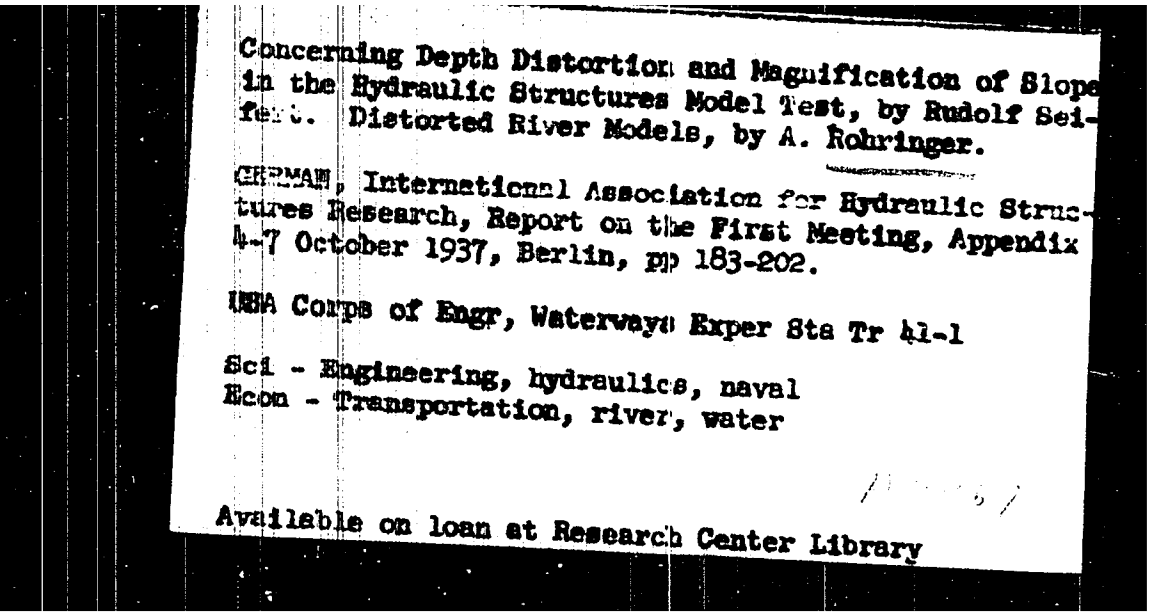

Concerning Depth Distortion and Magnification of Slope in the Hydraulic Structures Model Test, by Rudolf Seifert. Distorted River Models, by A. Rohringer.

CHPMAH, International Association for Hydraulic Structures Research, Report on the First Meeting, Appendix 4-7 October 1937, Berlin, pp 183-202.

USA Corps of Engr, Waterways Exper Sta Tr 41-1

Sci - Engineering, hydraulics, naval
Econ - Transportation, river, water

Available on loan at Research Center Library

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A Comparison of the Sensitivities of Different Methods of Measurements for Radio Carbon, by M. Reinhartz, G. Rohringer, E. Broda, 4 pp.

GERMAN, per, Acta Physica Austriaca, Vol VIII, No 3, 1954, pp 285-288.

A.E.R.E. Harwell No 458

Sci - Physics, radioactive substances

31,964

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Practical Experiences With Fishing with Electricity, by G. Rohrl, 7 pp.

GKROIAN, per, Allgem Fischerei Ztg, Vol LXXIV, No 4, 15 Feb 49, p 49-50.

SLA 3105

Sci

Aug 58

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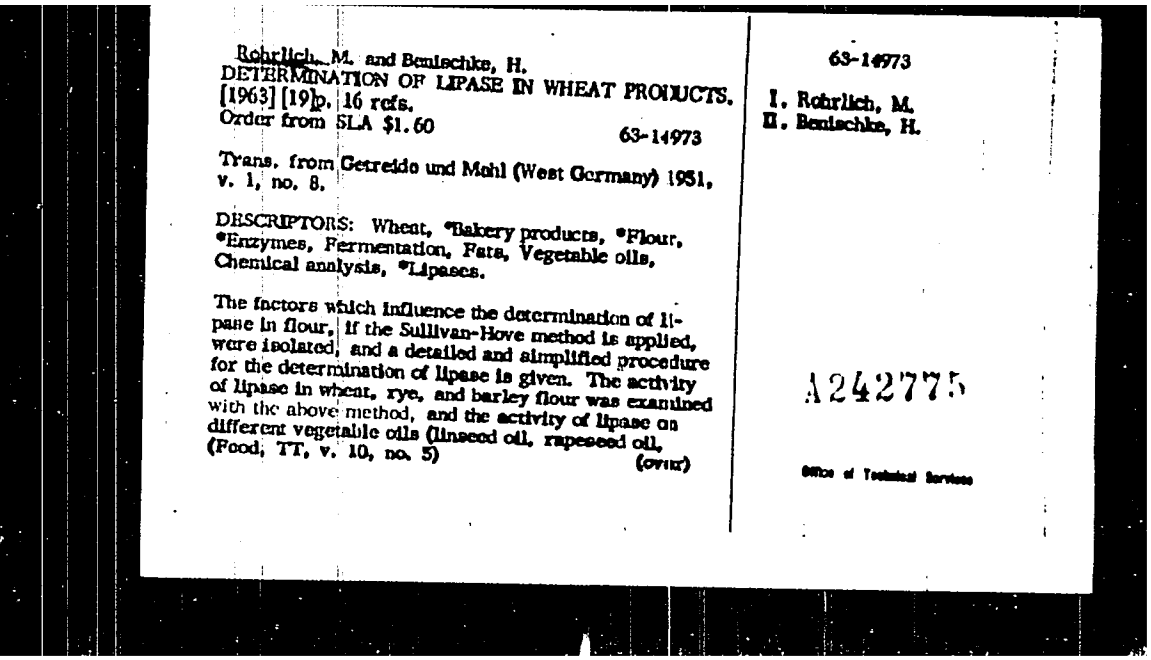
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4



Rohrlich, M. and Benischke, H.
DETERMINATION OF LIPASE IN WHEAT PRODUCTS.
[1963] [19]p. 16 refs.
Order from SLA $1.60 63-14973

Trans. from Getreide und Mehl (West Germany) 1951, v. 1, no. 8.

DESCRIPTORS: Wheat, *Bakery products, *Flour, *Enzymes, Fermentation, Fats, Vegetable oils, Chemical analysis, *Lipases.

The factors which influence the determination of lipase in flour, if the Sullivan-Hove method is applied, were isolated, and a detailed and simplified procedure for the determination of lipase is given. The activity of lipase in wheat, rye, and barley flour was examined with the above method, and the activity of lipase on different vegetable oils (linseed oil, rapeseed oil, (Food, TT, v. 10, no. 5) (over)

63-14973

I. Rohrlich, M.
II. Benischke, H.

A242775

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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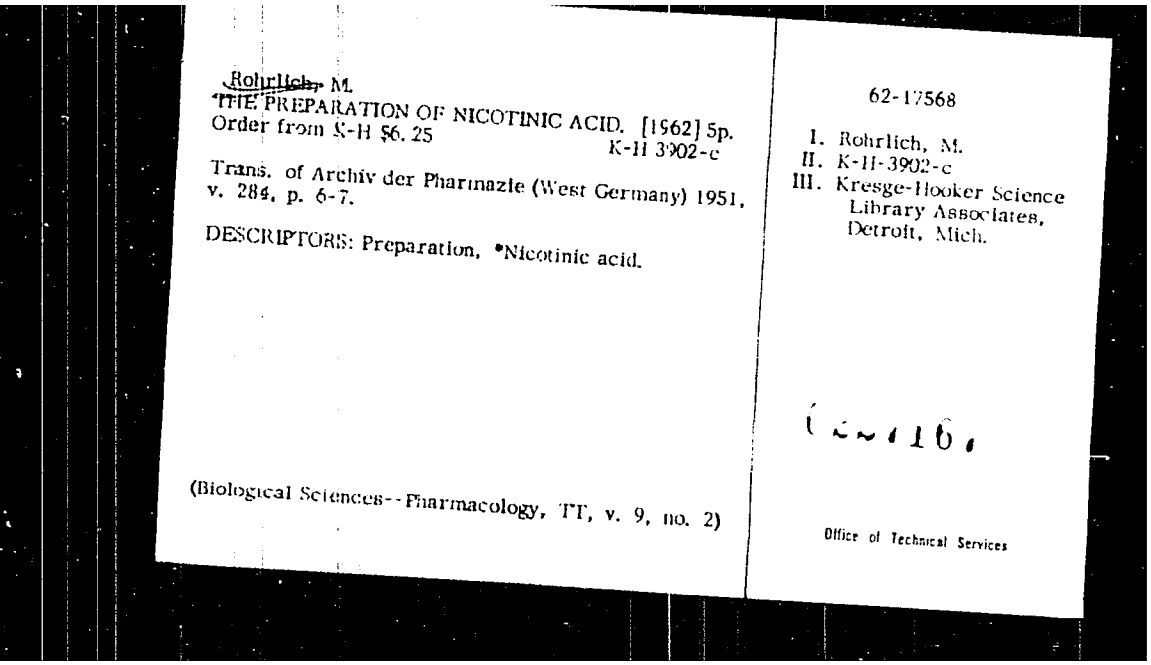

Rohrlich, M.
THE PREPARATION OF NICOTINIC ACID. [1962] 5p.
Order from S-H $6.25 K-H 3902-c

Trans. of Archiv der Pharmazie (West Germany) 1951, v. 284, p. 6-7.

DESCRIPTORS: Preparation, *Nicotinic acid.

(Biological Sciences--Pharmacology, TT, v. 9, no. 2)

62-17568

I. Rohrlich, M.
II. K-H-3902-c
III. Kresge-Hooker Science Library Associates, Detroit, Mich.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Methods For Securing Dactyloscopic Material by Dr Rehrmann, 11 pp.

GERMAN, no per, Kriminalistik, No 3, Mar 1956, pp 93-97.

US JPRS/DC-L-1045

Sci - Medicine, criminology
17 Nov 1958

75,373

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Note on the Preparation of Silicon Monobromide, by A. Pfugmacher, I. Rohrmann.

GERMAN, per, Z Anorg Chem, Vol CCXC, 1957, pp 101, 102.

DSIR/30905/CT

Sci - Chemistry
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Rohrschneider, L.

POLARITY OF THE STATIONARY PHASE IN GAS CHROMATOGRAPHY (Polarität Stationärer Phasen der Gaschromatographie). [7 Feb 63] [14]p. 3 refs.
Order from SLA $1.60 63-18286

Trans. of Z[eitschrift für] Anal[ytische] Chem[ie] (West Germany) 1959, v. 170, p. 256-263.

DESCRIPTORS: *Polarization, *Gas chromatography, *Phase studies, Hydrocarbons, Gases, Molecular structure.

Twenty-three different stationary phases suitable for the analysis of gaseous hydrocarbons are arranged into a series of increasing polarity. A satisfactory separation of all gaseous paraffins and olefins can be expected only for two polarities. 1,3-butylenglycolsulfite corresponds to the one, a combination of 5 m. diethyl (Chemistry--Analytical, TT, v. 10, no. 11) (over)

63-18286

I. Rohrschneider, L.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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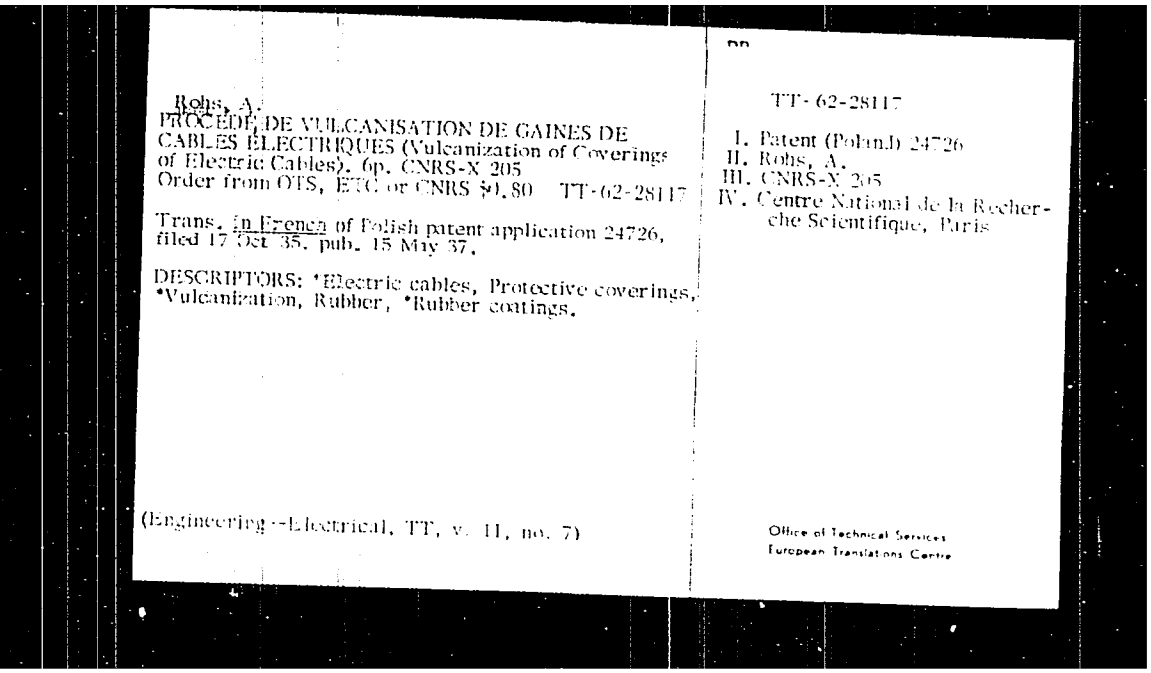

Rohs, A.
PROCEDE DE VULCANISATION DE GAINES DE CABLES ELECTRIQUES (Vulcanization of Coverings of Electric Cables). 6p. CNRS-X 205
Order from OTS, ETC or CNRS $1.80 TT-62-28117

Trans. in French of Polish patent application 24726, filed 17 Oct 35, pub. 15 May 37.

DESCRIPTORS: *Electric cables, Protective coverings, *Vulcanization, Rubber, *Rubber coatings.

(Engineering--Electrical, TT, v. II, no. 7)

PP

TT-62-28117

I. Patent (Poland) 24726
II. Rohs, A.
III. CNRS-X 205
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Utilisation of Mechine Tools, by H. Rohs, H. Opitz.
GERMAN, per, Werkstattstechnik, Vol 49, No 9, 1959, pp 7-490
GB/85/1603644

H. Rohs

Sci -
Jul 67 335,021

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Reconditioning of Submarines "Hai" and "Hecht" (Thoughts on the Use of Submarines), by Commander Hellmut Rohweder, 13 pp. UNCLASSIFIED

GERMAN, per, Soldat und Technik, No 1, Jan 1958, p 26, Encl to Ltr Ser No 356-58, NA, Bonn.

ONI Tr 5045955

WE - W Germany
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Jun 58

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Soviet Russians as Opponents at Sea, by B. V. Rom Foerster, P. Schmalenbach, J. Rohwer, K. K. Birnbaum. UNCLASSIFIED

GERMAN, Rpt, US Navy Sponsored Study, Vol I-IV.

Navy 1807/OHI 287

USSR
Mil
Jan 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Erich Raeder - My Life, by Rudolf Krohn; Careers of Famous Submarines, by J. Rohwer.

GERMAN, per, Marinezeitung Leinen Los, No 11, Nov 1956.

Navy Tr 1567/ONI-85

EEur - Germany
Biog

56,025

Dec 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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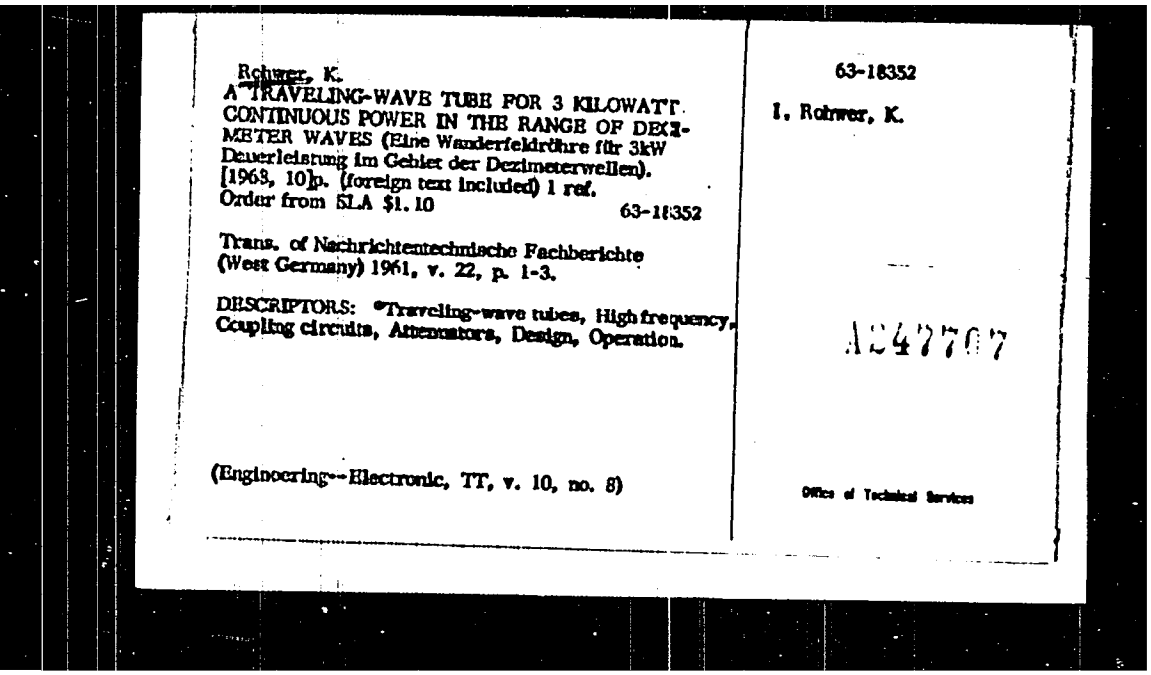

Rohwer, K.
A TRAVELING-WAVE TUBE FOR 3 KILOWATT CONTINUOUS POWER IN THE RANGE OF DEZIMETER WAVES (Eine Wanderfeldröhre für 3kW Dauerleistung im Gebiet der Dezimeterwellen). [1963, 10]p. (foreign text included) 1 ref. Order from SLA $1.10 63-18352

Trans. of Nachrichtentechnische Fachberichte (West Germany) 1961, v. 22, p. 1-3.

DESCRIPTORS: *Traveling-wave tubes, High frequency, Coupling circuits, Attenuators, Design, Operation.

(Engineering--Electronic, TT, v. 10, no. 8)

63-18352

I. Rohwer, K.

AD247707

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

The Electro-Acoustic Efficient of a Spark Discharge in Water, by N. A. Roi, D. P. Frolov.
USCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 4, 1958, pp 683-686.

RAE 795

Sci - Phys; Electron
Jun 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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The Nature of Electro-Mechanical Oscillations in Barium-Titanate Ceramics, by N. A. Roi.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIII, No 5, 1950, pp 937-40.

AEC Tr 385

Scientific-Physics

USSR

March 1951 CTS

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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The Initiation and Development of Ultrasonic Cavitation. Survey, by N. A. Roi, 16 pp.

RUSSIAN, per, Akust Zhur, Vol III, No 1, 1957, pp 3-18.

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Soviet Phys - Acoustics
Vol III, No 1

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

The Dependence of the Coercive Force and the Permittivity of Ceramic Barium Titanate Upon Mechanical Stresses, by N. A. Roi, 4 pp.

IMSIAM, qu per, Akust Zhur, Vol I, No 4, 1955. pp 352 255.

Amer Inst of Phys
Sov Phys-Acoustics
Vol I, No 3, 4

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Sci - Physics
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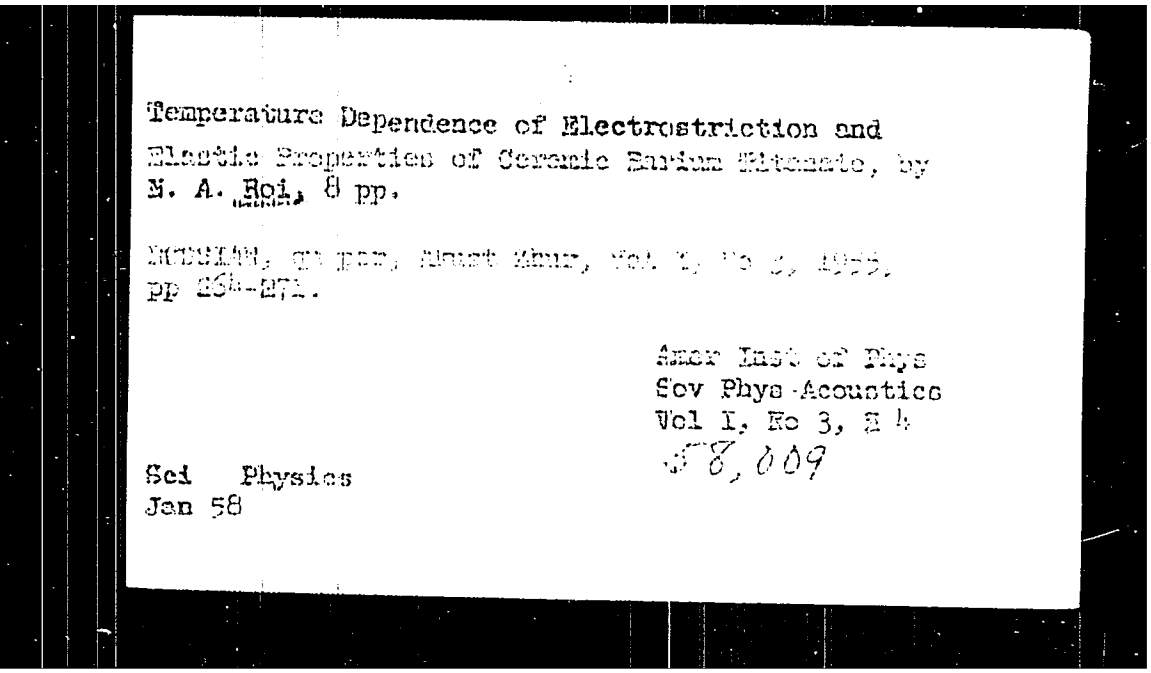

Temperature Dependence of Electrostriction and Elastic Properties of Ceramic Barium Titanate, by M. A. Roi, 8 pp.

[illegible], [illegible] pp, Akust Zhur, Vol 4, No 3, 1958, pp 293-297.

Amer Inst of Phys
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Vol I, No 3, S 4
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Sci Physics
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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

High-Voltage Power Supply for the Turning Plates of a System for Injecting an Ion Beam Into the Chamber of a 10-Bev Synchrophasotron, by G. A. Zeitlenok, L. P. Zinovyev, I. M. Roife, 5 pp.

RUSSIAN, per, Pribory i Tekh Eksper, No 2, 1960, pp 15-20.

ISA

Sci

144, 154

Feb 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Circuit for Stabilizing the Flat Part of a Pulse From a Transformer at Voltages Up to 1 Megavolt, by I. M. [illegible], 6 pp
Rolfe

RUSSIAN, per, Pribory i Tekh Eksper, No 3, 1960, pp 67-72

DSA

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Effect of Atmospheric Relative Humidity on Formation of H_2O_2 in Atmospheric Corrosion of Magnesium and Aluminum, by I. L. Roikh, D. M. Rafalovich, 6 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 4, 1961, pp 864-869.

CB

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Mar 62

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Temperature Dependence of the Emission of Radiographically Active Particles in the Atmospheric [illegible] Corrosion of Magnesium and Zinc, by [illegible] I. L. Rotkh, F. Ye. Mareyev, 7 pp.

[illegible], Ser, Dok Ak Nauk, Vol LXXIV, No 2, 1950, pp 335-338.

Def Sci Info Gv DRB Canada
T 89 R → CIA D 151232

45 e 455

Scientific - Minerals/Metals Jun 53 CFB

2249

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Influence of Mechanical Surface Treatment on H_2O_2 Liberation During Atmospheric Corrosion of Metals, by I. L. Roikh, V. V. Ordynskaya, 7 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIV, No 9, 1961, pp 1979-1986.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

10 718

GE-1

I. L. ROIKH

Emission of electrons and H_2O_2 in metal corrosion

Elektronen-und H_2O_2 -Emission bei der Korrosion von Metallen

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; Def Sci Info Sv, DRB Canada, T.98.R ← CIA D 151228 D-44607
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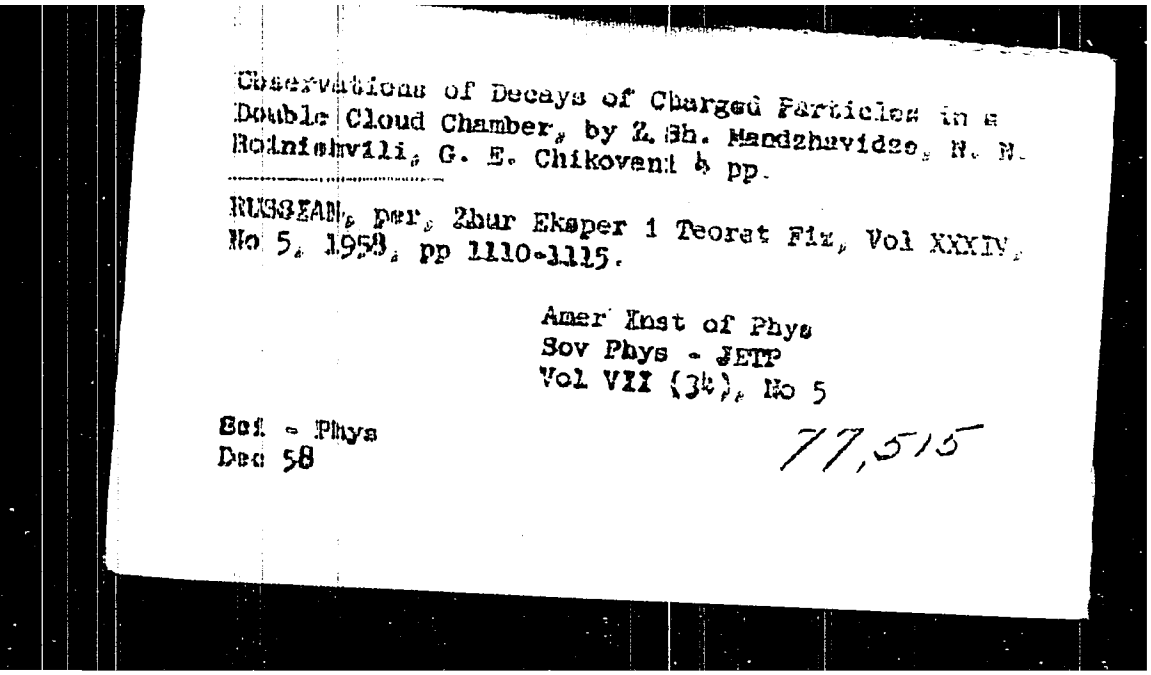

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Roinu, Shin.
NON-TARNISHING SILVER ALLOY PLATING SOLUTION. [1961] 2p.
Order from LC or SLA mi$1.80, ph$1.80 61-15281

Trans. of [Japanese official patent application] SHO-31-8657, 31 Mar 56, by Tomiji Kitahara, public announcement 5 Aug 58, provisional no. SHO-33-5960.

The solution consists of silver cyanide 15-50g, cadmium cyanide 10-25g, indium cyanide 10-40g, stannous chrolide 3-15g, zinc cyanide 10-20g, sodium cyanide 50-80g and sodium carbonate 30-50g dissolved in 1 liter of pure water.

(Metallurgy, TT, v. 5, no. 10)

61-15281

1. Electroplating solutions
2. Silver alloys--Applications
I. Roinu, S.
II. Patent (Japan) pub. 33-5960

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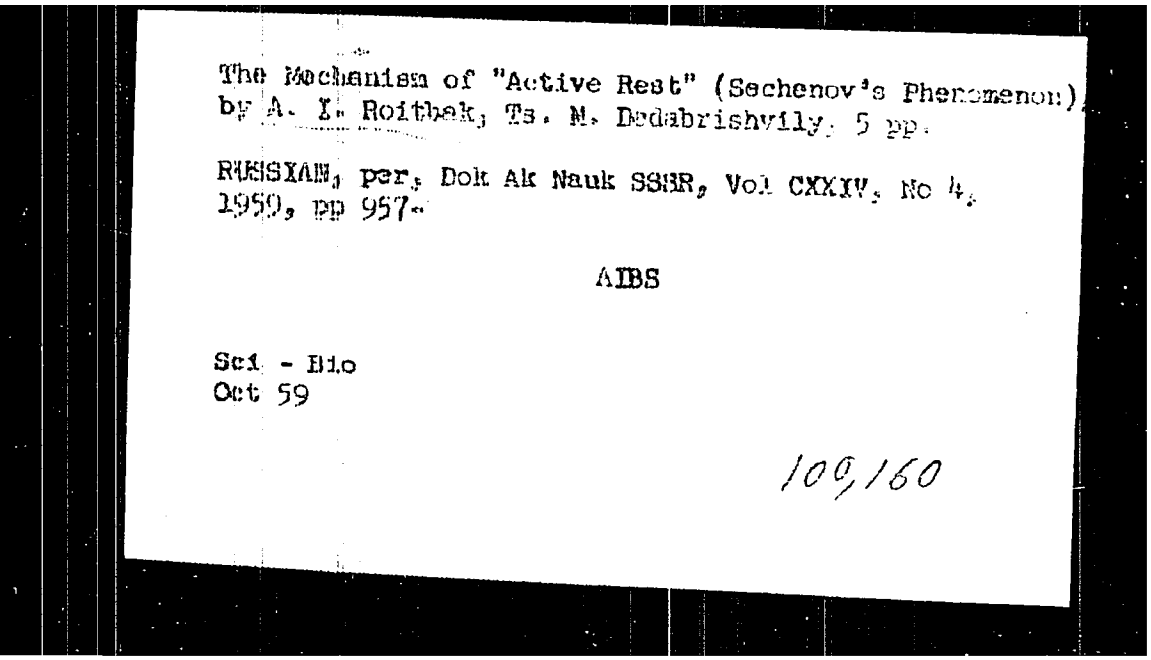

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On the Motion of a Gyroscopic Compass Due to the Action of Random Forces, by/N. Roitenberg, Ya.

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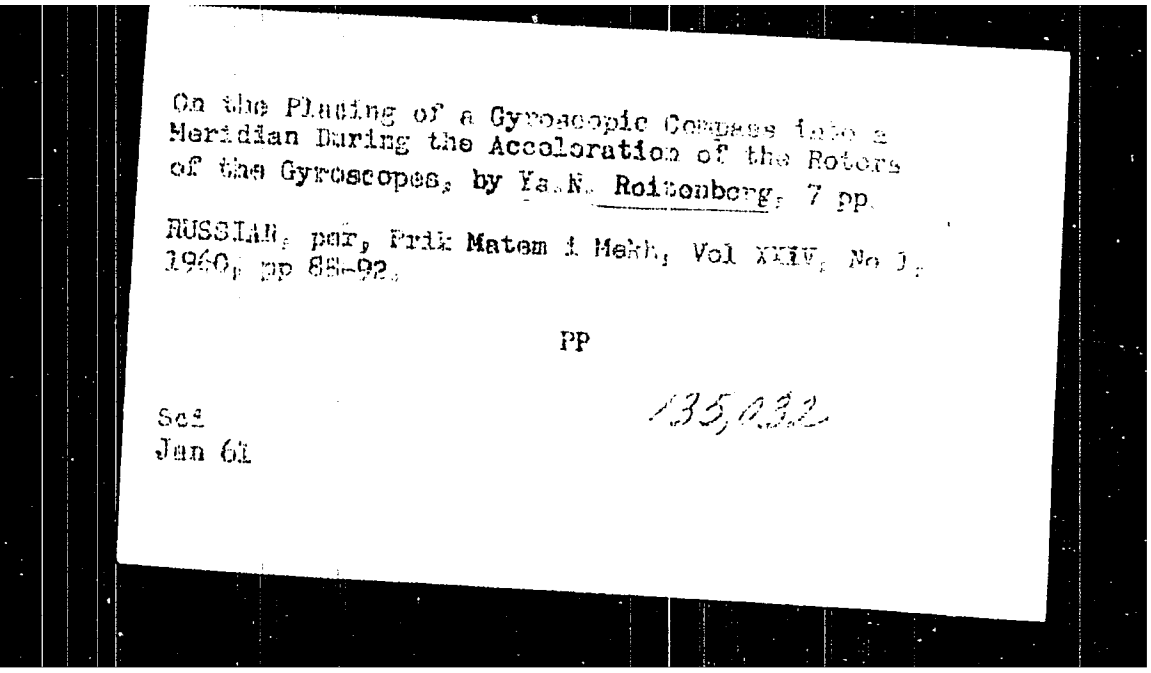

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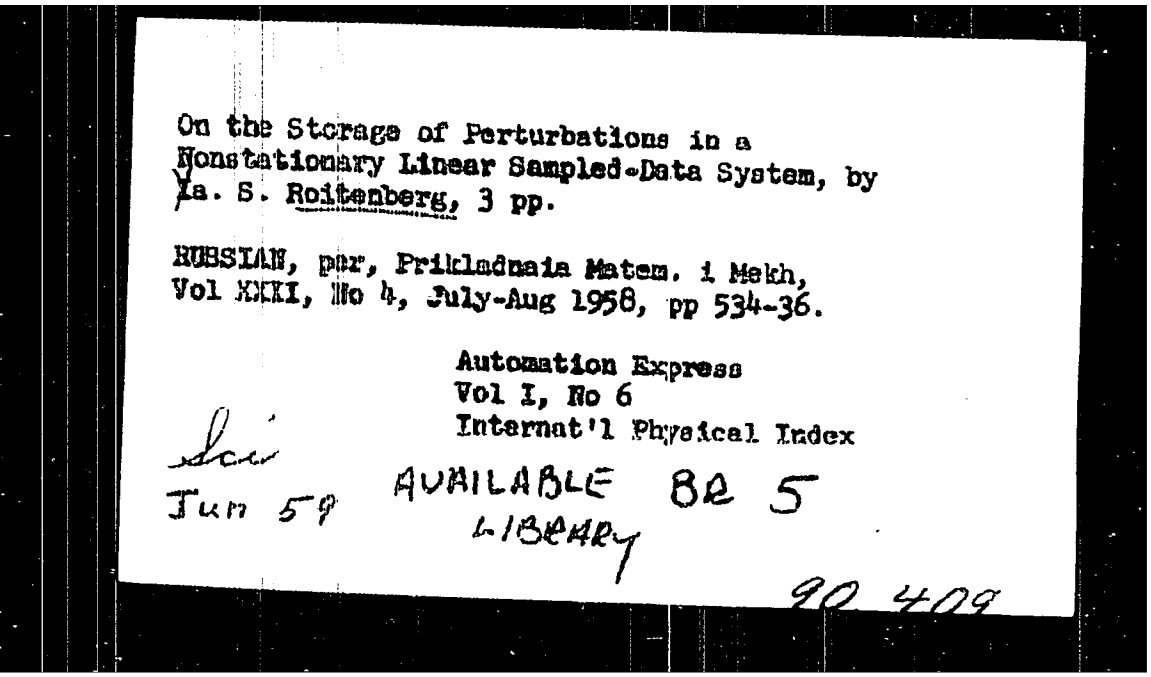

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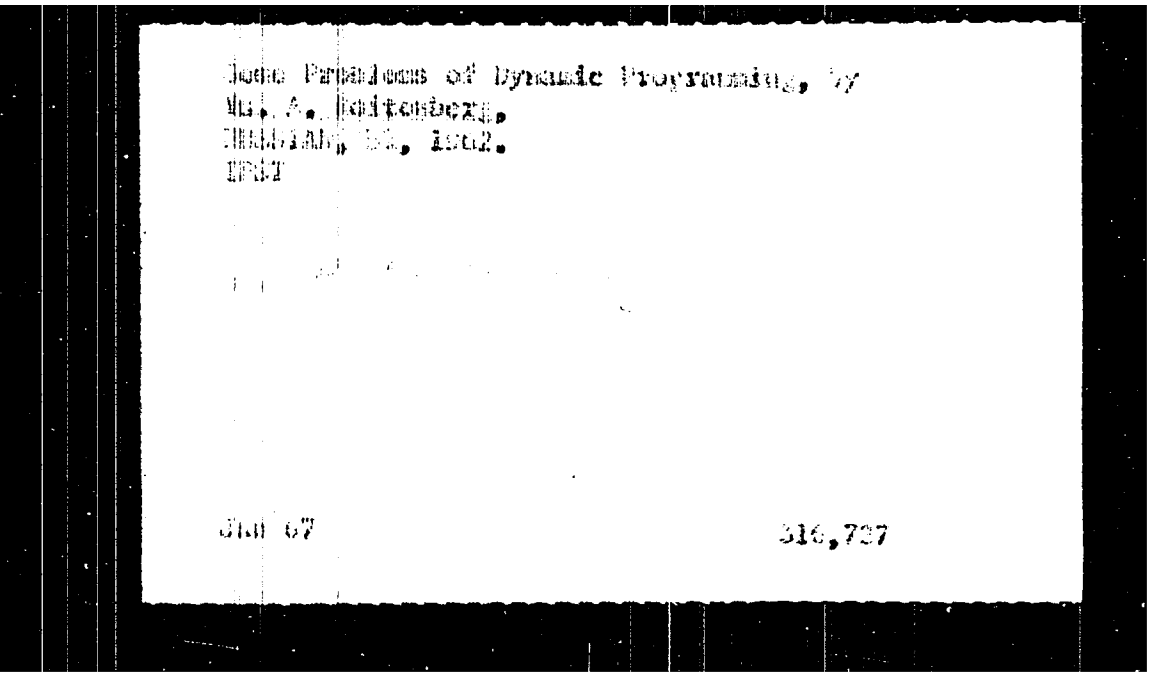

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Comparative Activity of Yeast Strains "Krasnodarskaya" and "Krasnodar Salty Yeasts" (KSY) in the Production of Liquid Yeasts, by I. M. Roiter, N. I. Berzina, R. S. Bashirova, et al, 4 pp.

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AEC Tr 1262

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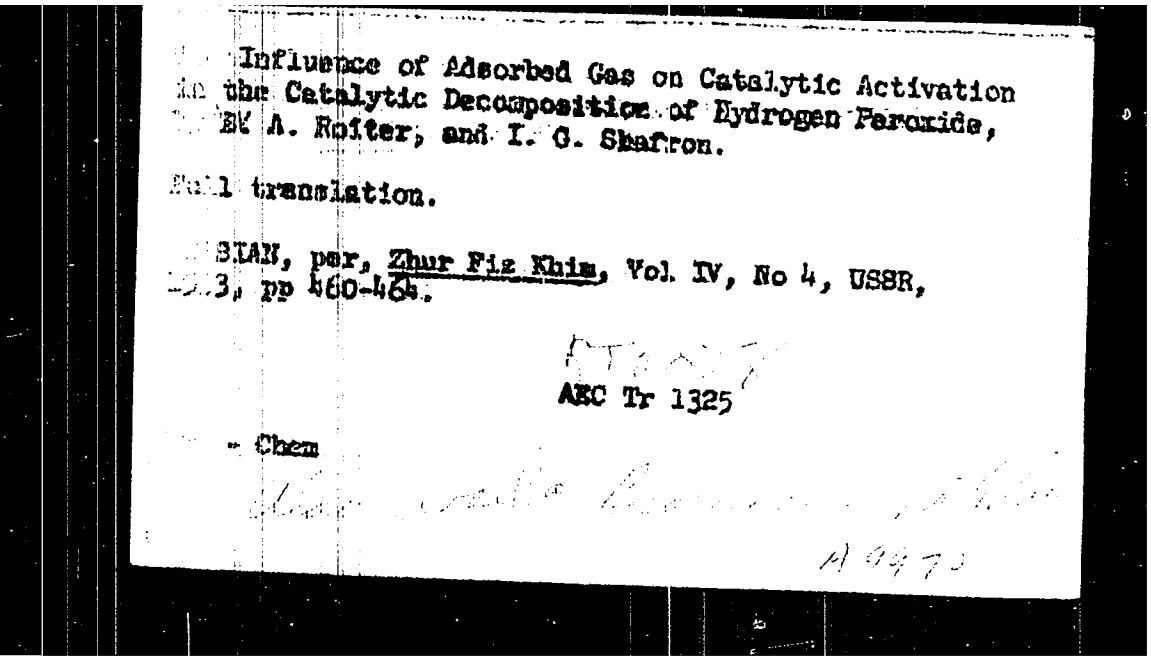

Influence of Adsorbed Gas on Catalytic Activation
in the Catalytic Decomposition of Hydrogen Peroxide,
BY A. Roiter, and I. G. Shafron.

Full translation.

SIAM, per, Zhur Fiz Khim, Vol. IV, No 4, USSR,
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AEC Tr 1325

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

Roiter, V. and Rusov, M.
KINETICS OF CATALYTIC OXIDATION OF ACETYLENE ON ACTIVE MANGANESE DIOXIDE [Kinetika Kataliticheskogo Okisleniya Atsetilena na Aktivnoi Dvuokisi Margantsa]. [1961] 7p. 3 refs.
Order from OTS or SLA $1.10 61-16953

Trans. of Zhurnal Fizicheskoi Khimii (USSR) 1943, v. 17 [no. 2] p. 87-96.
Another translation is available from SLA as RT-1209.

DESCRIPTORS: *Acetylenes, Oxidation, Manganese compounds, Dioxides, Catalysis.

Catalytic oxidation of acetylene by oxygen on active manganese dioxide occurs either in the inner kinetic region, inner diffusion, or outer diffusion regions, depending upon the temperature. The transition from one region into another is characterized by a change of the order of the reaction and the value of the energy of activation, in good agreement with the theory of the
(Chemistry--Physical, TT, v. 6, no. 7) (over)

61-16953

I. Roiter, V.
II. Rusov, M.

Office of Technical Services

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

kinetics of processes on porous and powdered substances proposed by Zel'dovich, which can be regarded as an experimental confirmation of the theory. (Author)

PB- 61-16953

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Kinetics of Catalytic Oxidation of Acetylene on Active Manganese Dioxide, by V. Roiter, M. Rusov, 17 pp.

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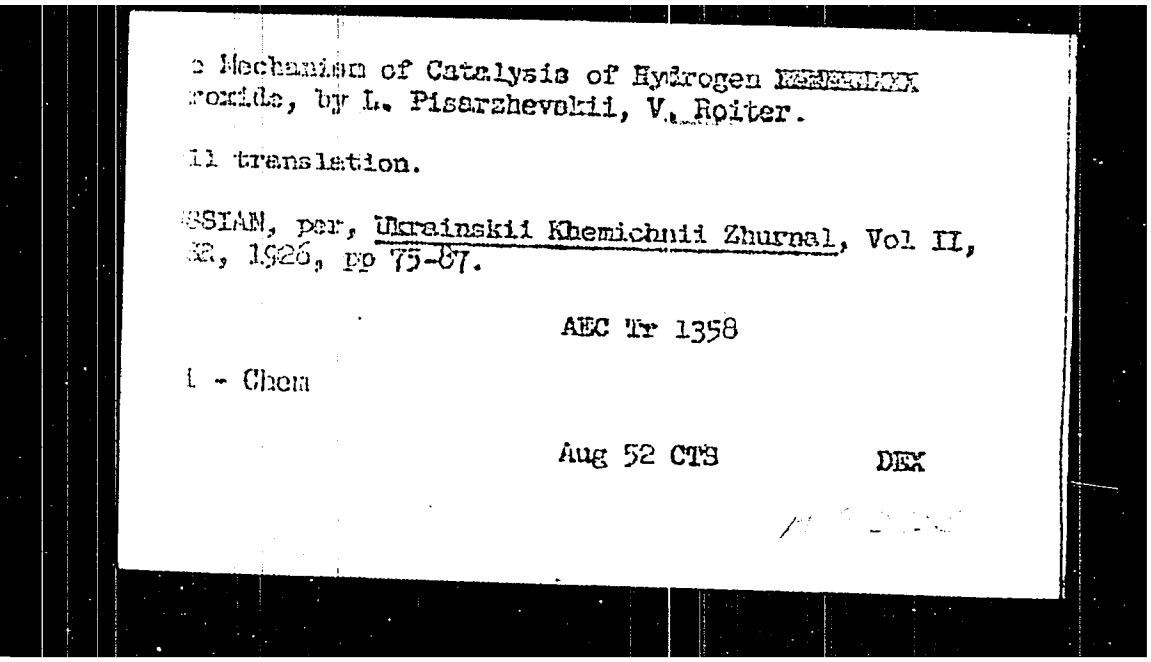

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TRI 63-34

Study of Radio-Sulphurn of the Kinetics of the Process $SO_2 + O.5.O_2$ in a State of Chemical Equilibrium on a Platinum Catalyst, by V. A. Roiter, N. A. Stukanovskaya, et al.

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The Reduction Magnetization of Iron Oxide Ores,
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Kinetics of the Catalytic Sysnthesis of Ammonia, by M. T. Rusov, V. A. Roiter, 11 pp.

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The Role of Sorption of Nitrogen in the Mechanism of Ammonia Synthesis in the Presence of Technical Iron Catalyst, by S. S. Gaukhman, V. A. Roiter, 10 pp.

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Mechanism of Reduction of Iron Oxides With Hydrogen, Carbon Monoxide, and Mixtures of These Gases, by V. A. Roiter, V. A. Yuza, A. M. Kuznetsov, UNCLASSIFIED.

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Kinetics of Ammonia Synthesis, by V. A. Roiter, 15 pp.

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Rolter, Z. A., Gaukhman, S. S., and Tudorovskaya, M. A.

CATALYTIC OXIDATION OF HYDROGEN SULFIDE IN THE PRESENCE OF HYDROGEN. [1961] 10p. 27 refs.

Order from OTS or SLA $1.10 61-20133

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1945, v. 18, p. 459-468.

DESCRIPTORS: *Hydrogen compounds, Sulfides, Oxidation, *Nickel catalysts, *Lead catalysts, Catalysts, Catalysis, *Hydrogen, Chemical reactions.

A study was carried out of the efficiency of the catalyst composed of oxides of nickel and lead and supported on kieselguhr in the oxidation of hydrogen sulfide in the mixture $H_2S + O_2 + H_2 + N_2$, as dependent upon the following factors: temperature, space veloc-

(Chemistry--Physical, TT, v. 6, no. 11) (over)

61-20133

I. Rolter, Z. A.
II. Gaukhman, S. S.
III. Tudorovskaya, M. A.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201170058-4

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Roiter, V. A., Rubanik, M. Ya. and others.
REMOVAL OF ACETYLENE FROM THE AIR BY CATALYTIC OXIDATION. [1961] 10p. 8 refs.
Order from OTS or SLA $1.10 61-20117

Trans. of Zhurnal Prikladnoi Khimii (USSR) 1945, v. 18, p. 450-458.

DESCRIPTORS: *Air, Purification, *Acetylenes, Oxidation, Manganese compounds, Dioxides, Ores, Catalysts, Catalysis.

A method of removal of acetylene from the air is suggested, involving oxidation of acetylene with oxygen. Catalysts were found suitable for this process. They consist of (a) manganese dioxide, which is applicable for a wide interval of concentrations of acetylene, and (b) manganese ore promoted with silver salts. The first catalyst can be used for the removal of acetylene
(Chemistry--Physical, TT, v. 6, no. 11) (over)

61-20117

I. Roiter, V. A.
II. Rubanik, M. Ya.

Office of Technical Services

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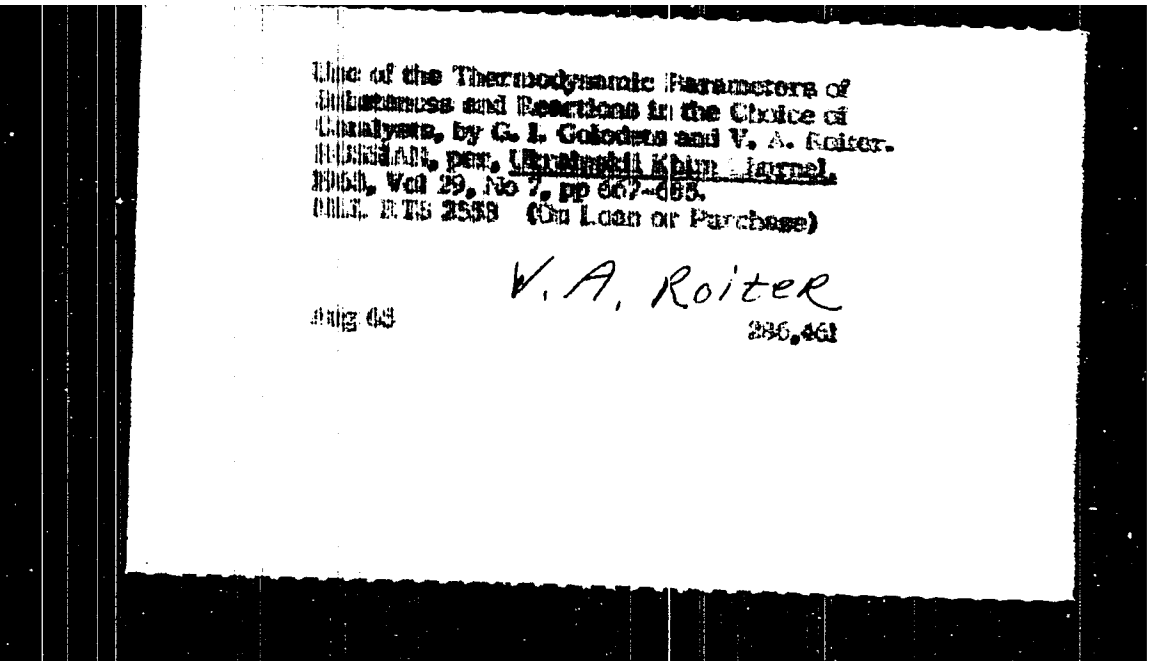

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V. A. Roiter

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The Use of Empirical Kinetic Equations for Estimating the Thermodynamic Characteristics of Activated Complexes, by G. I. Golodets, V. A. Roiter, 11 pp/

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The Role of Macrokinetic Factors in Catalytic Naphthalene Oxidation Processes on Fused Vanadium Pentoxide, by G. P. Korneichuk, Ya. V. Zhigailo, V. A. Roiter.

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On Ethylene Oxide, by E. Roithner.
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Standards of moist disinfection of railway carriages with chlorine-containing disinfectants, by E. A. ROITMAN, M. R. CHERTKOVA, 7 pp.

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